

FLUID INTERCONNECT IN A REPLACEABLE INK
RESERVOIR FOR PIGMENTED INK

ABSTRACT OF THE DISCLOSURE

5 A replaceable ink reservoir for a printing system
using pigmented ink. The ink reservoir includes a contain-
ment vessel, a body of reservoir material disposed in the
vessel, a fluid interconnect opening formed in the vessel,
and a screen disposed in the containment vessel and across
the interconnect opening. The screen has a pore size small
enough to prevent air passage at operational pressures and
10 large enough to allow colorant particles dispersed in the
ink carrier fluid to pass therethrough.